

John H. MacMillan Ph.D. Chemspider Synthesis Papers



Below are listed in chronological order my list of chemistry syntheses published by Chemspider. Download freely any material of interest.

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- 1. John H. MacMillan " Oxidative dehydration of aryl substituted succinic acids with selenium dioxide; 4-Bromophenyl maleic anhydride".**

DOI: <http://dx.doi.org/10.1039/SP525>

[Chemspider, January 5, 2012](#)

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- 2. John H. MacMillan "Nitrogen insertion reaction of trimethylsilyl azide with aryl substituted maleic anhydrides, yielding aryl substituted 1,3(3H) oxazine-2,6-diones; 4-(4-bromophenyl)-1,3(3H) oxazine-2,6-dione".**

DOI: <http://dx.doi.org/10.1039/SP526>

[Chemspider January 16, 2012](#)

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3. John H. MacMillan "Oxazine-2,6-dione *N*-methylation with dimethyl sulfate; *N*-Methyl-4-(4-methylphenyl)-1,3(3H)-oxazine-2,6-dione".

DOI: <http://dx.doi.org/10.1039/SP529>

[Chemspider January 16, 2012](#)

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4. John H. MacMillan "Addition of propargyl Grignard to aldehyde; 1-Phenyl-3-butyne-1-ol".

DOI: <http://dx.doi.org/10.1039/SP537>

[Chemspider February 17, 2012](#)

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5. John H. MacMillan "Addition of Allyl Magnesium Chloride to Propynal, 5-Hexen-1-yn-3-ol".

DOI: <http://dx.doi.org/10.1039/SP579>

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[Chemspider December 20, 2012](#)

6. John H. MacMillan "Allyl Grignard addition to the internal alkyne carbon of propargyl alcohol; 2-Methylene-4-penten-1-ol"

DOI: <http://dx.doi.org/10.1039/SP596>

[Chemspider June 7, 2013](#)

[PDF](#)

[Google Doc](#)

[PDF \(Ccl.net\)](#)

7. John Harry MacMillan

[Chemspider structure depositions, 2013-2014.](#)

[PDF](#) (Ccl.net)

8. John H. MacMillan and Alfred Viola

["Mild Esterification with Diazomethane, Methyl-2E,4E-hexadienoate"](#)

[Chemspider November 13, 2013](#)

DOI: 10.1039/SP701

[Google Document](#)

[Homestead Archive](#)

[Ccl.net Archive](#)

9. John H. MacMillan

"Nitrogen insertion reaction of maleic anhydrides; 2-H-1,3-oxazine-2,6(3H)dione"

Chemspider, December 5, 2013

[DOI 10.1039/SP707](#)

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10. John H. MacMillan

"Reduction of a benzonitrile; 1-[4-trans-4-Pentylcyclohexyl]phenyl]methanamine"

DOI: [10.1039/SP708](#)

Chemspider, December 17, 2013

[Google Archive](#)

[PDF](#) (Internet archive), [Introductory page](#)

[PDF](#) (Homestead Archive)

[PDF](#) (Ccl.net Archive)

11. John H. MacMillan

"Partial hydrolysis of a benzonitrile 4-(trans-4-Pentylcyclohexyl)benzamide"

DOI: [10.1039/SP710](#)

Chemspider, January 6, 2014

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[PDF](#) (Internet archive), [Introductory page](#)

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